

Date: Thursday, 11/16/2006 4:25:31 PM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : WEARPLATE  
 Job Number : 29488  
 Estimate Number : 10288  
 P.O. Number : N/A Part Number : D25771  
 This Issue : 11/16/2006 S.O. No. : N/A Drawing Number : D2577 REV E  
 Prsht Rev. : NC Project Number : N/A  
 First Issue : N/A Type : SMALL / MED FAB Drawing Revision : E  
 Previous Run : 28063 Material : N/A  
 Due Date : 12/5/2006 Qty: 50 Um: Each  
 Written By : 48 06 11 17  
 Checked & Approved By : 48 06 11 17  
 Comment : Est: E 02.09.24 Re-format; Incorporated D2577-101/-11 KJ/  
 RF  
 est F 06.09.11 now waterjet EC

## Additional Product

Job Number:



Sq. # Machine Or Operation: Description :

1.0 M1010S16GA 1010/1025/A21/6aA SHEET



Comment: Qty.: 0.8474 sf(s)/Unit Total: 42.3675 sf(s) 43.2149  
 1010/1025/A21/6aA SHEET m102684 ml 06 11 21

2.0 WATER JET FLOW WATER JET



Comment: FLOW WATER JET  
 1-Cut as per Dwg D2577 (D2577-101 detail)  
 Dwg Rev: E ml 06 11 24  
 Prog Rev: E

2-Deburr if necessary

3.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0 QC8 SECOND CHECK



Comment: SECOND CHECK

ml 06/11/27 (50)

5.0 BRAKE NC NC BRAKE



Comment: NC BRAKE  
 1-Form on brake as per Dwg D2577 using DT8155 and DT8179  
 2-Form joggle as per Dwg D2577 using DT8157  
 3-Identify as D2577-1  
 4-Deburr if necessary

SB 06/11/29 (50)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☐ No ☒ DQA:   *PD*   Date: 07/01/02

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 11/16/2006 4:25:32 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 29488

Part Number: D25771

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

06/11/29 (50)

7.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Weld hard surface using DT8308A & DT8308B as per Dwg D2577

Qty Description

Batch

A/R 7560 Hardcoat Rod

M102756, M102154, M102885

mf 06-12-19 (50)

8.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

06/12/19 (50)

9.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

a.m 06/12/20 (50)

10.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

yl 06/12/21 (50)

11.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: FP

yl 06/12/28

12.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

(50) 07/01/22

Job Completion



u 06/12/29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



RELEASED  
00.09.22

DESIGN	DRAWN BY	DART AEROSPACE LTD HAMKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D2577
DATE 00.09.22	TITLE WEARSHOE	REV. E SHEET 1 OF 5 SCALE 1:10
A	96.09.16	NEW ISSUE
B	96.12.04	ADD HARDCOAT WELDS
C	97.05.30	CHANGE HOLES TO OBROUNDS
D	98.08.17	CORRECTED DIMENSIONS ON -1 & -3
E	00.09.22	ADD D2577-101/-11/-13 INCORPORATE DE09176

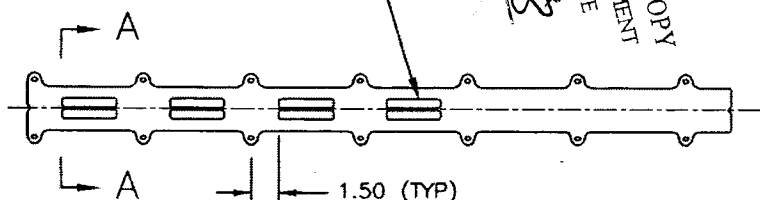
7560 HARDCOAT WELD  
4.0 LONG  
0.063 TO 0.125 HIGH  
(TYP. 11 PLS.)  
WELD AFTER BENDING AS  
ILLUSTRATED PER DT8308



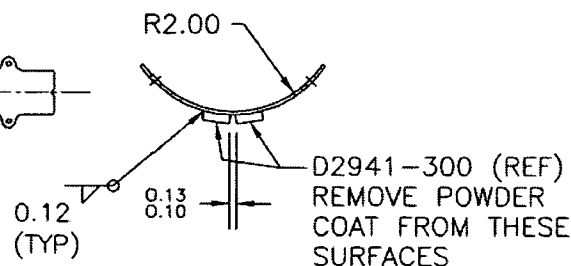
D2577-1 & D2577-3 WEARSHOE  
MAKE FROM D2577-11 AND D2577-13 RESPECTIVELY  
FINISH: POWDER COAT GREY (4.3.5.6) PER DART QSI 005 4.3  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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WITHOUT NOTICE  
NO. 29488

D2941-300  
SHWAYDER WEAPADS  
(8 PLACES)



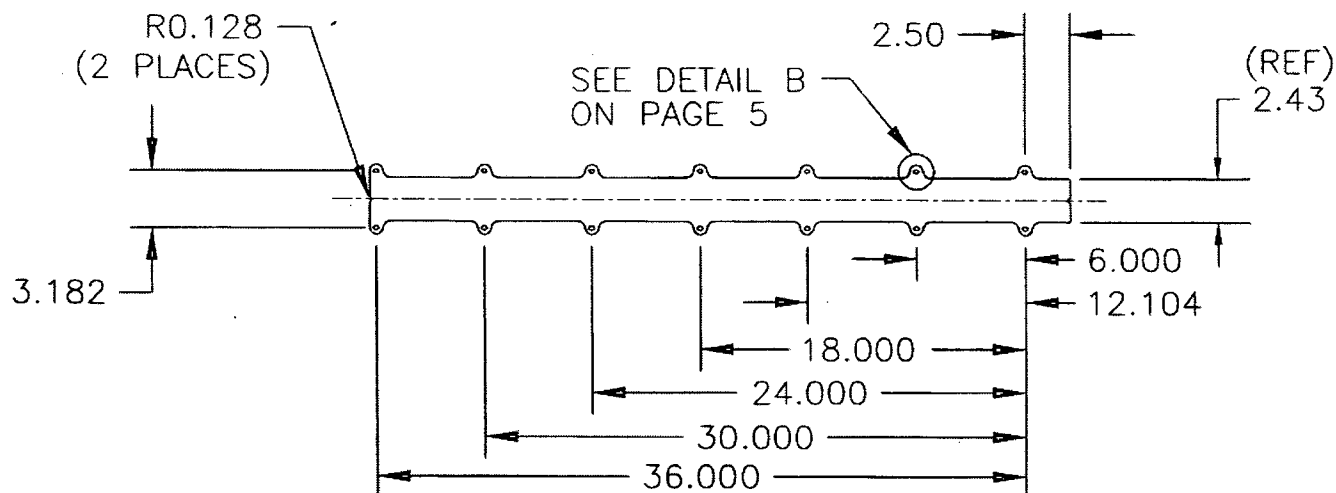
SECTION A-A  
SCALE 1:5



D2577-21 & D2577-23 WEARSHOE  
MAKE FROM D2577-11 AND D2577-13 RESPECTIVELY  
FINISH: POWDER COAT GREY (4.3.5.6) PER DART QSI 005 4.3  
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



DESIGN	DRAWN BY	DART AEROSPACE LTD HAMKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D2577
DATE 00.09.22	TITLE WEARSHOE	REV. E SHEET 2 OF 5
	SCALE 1:10	

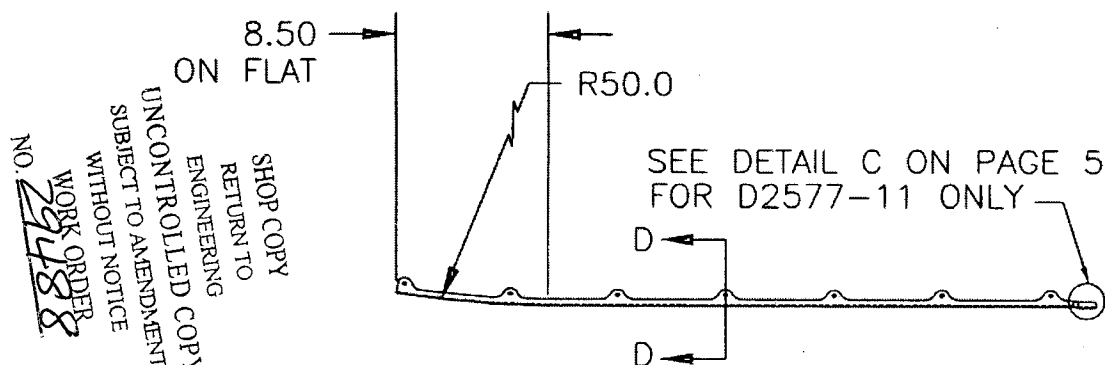


#### D2577-101 FLAT PATTERN

BREAK ALL SHARP CORNERS 0.010 TO 0.020

MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570  
SERIES STEEL 0.063 THICK

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED



#### D2577-11 & D2577-13 LONGITUDINAL BEND

MAKE FROM D2577-101

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

RELEASED  
00.09.22

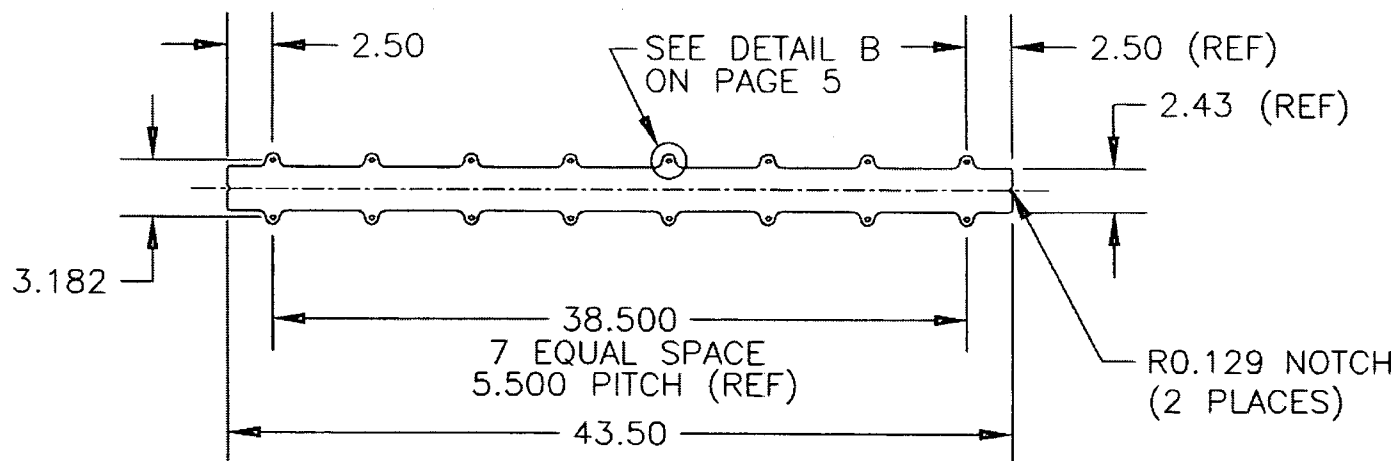
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WORK ORDER  
NO. 29488



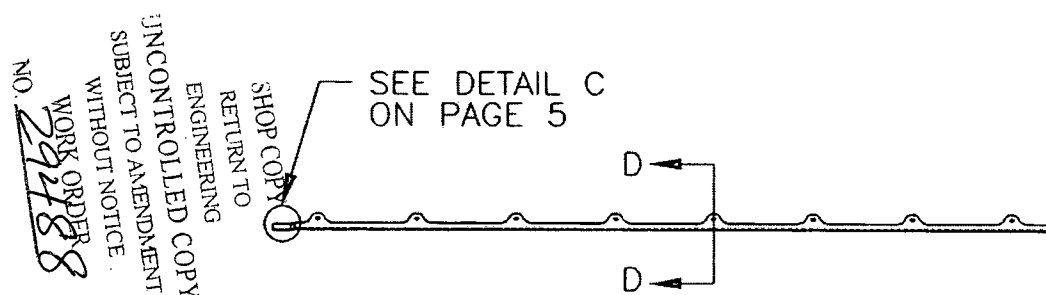
DESIGN	DRAWN BY	DART AEROSPACE LTD
CHECKED	APPROVED	HAWKESBURY, ONTARIO, CANADA
DATE	DRAWING NO.	REV. E
00.09.22	D2577	SHEET 3 OF 5
	TITLE	SCALE
	WEARSHOE	1:10

RELEASED  
00.09.22

### D2577-5 FLAT PATTERN



### D2577-5 LONGITUDINAL BEND



### D2577-5 WEARSHOE

BREAK ALL SHARP CORNERS 0.010 TO 0.020

MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570

SERIES STEEL 0.063 THICK

FINISH: POWDER COAT GREY (4.3.5.6) PER DART QSI 005 4.3

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

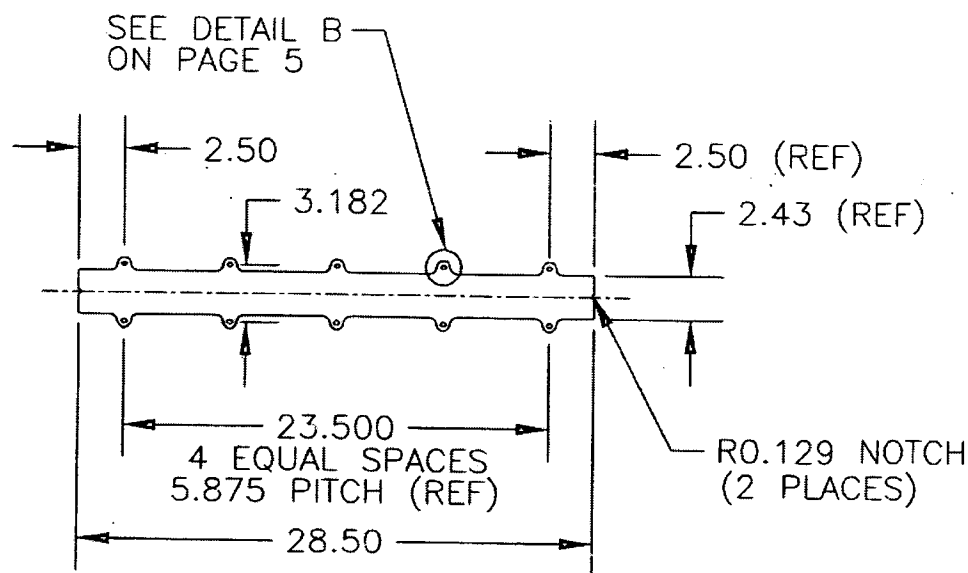
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WORK ORDER  
NO. 294788



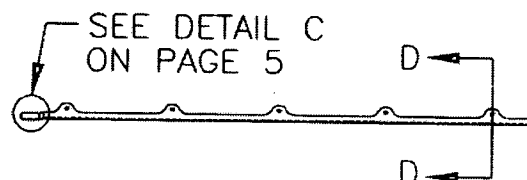
DESIGN	DRAWN BY	DART AEROSPACE LTD	REV. E
CHECKED	APPROVED	HAWKESBURY, ONTARIO, CANADA	
DATE	DRAWING NO.	SHEET 4 OF 5	
00.09.22	D2577	WEARSHOE	
	TITLE	SCALE	
		1:10	

RELEASED  
00 09 26 07

### D2577-7 FLAT PATTERN



### D2577-7 LONGITUDINAL BEND



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WITHOUT NOTICE  
WORK ORDER  
NO. 29488

### D2577-7 WEARSHOE

BREAK ALL SHARP CORNERS 0.010 TO 0.020

MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570  
SERIES STEEL 0.063 THICK

FINISH: POWDER COAT GREY (4.3.5.6) PER DART QSI 005 4.3

TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

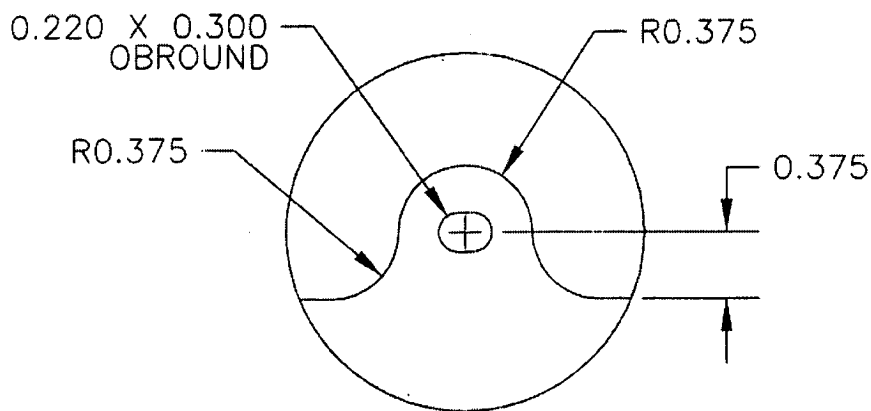




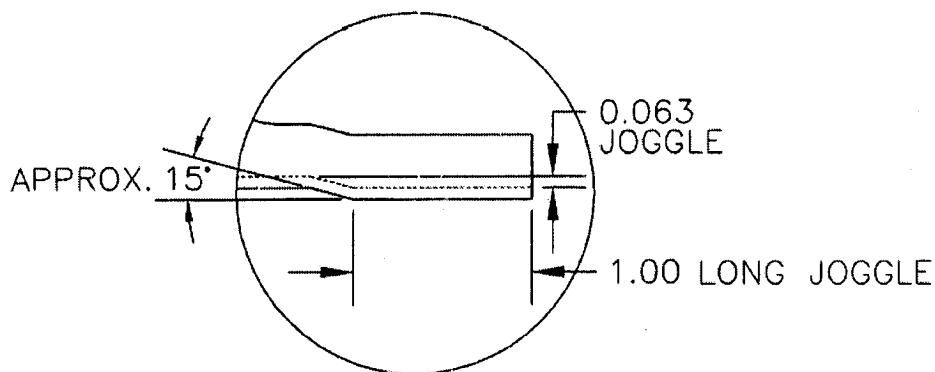
DESIGN #	DRAWN BY UP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D2577	REV. E SHEET 5 OF 5
DATE 00.09.22		TITLE WEARSHOE	SCALE 1:10

RELEASED  
00.09.26

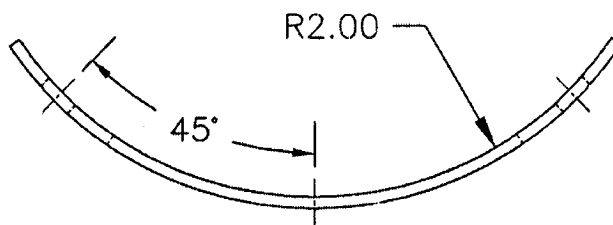
DETAIL B (SCALE 1:1)



DETAIL C (SCALE 1:1)



SECTION D-D (SCALE 1:1)



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